

CURTIS WONG

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SKILLS

Languages: JavaScript, TypeScript, Python, HTML, CSS, SQL, Bash, Java

Frameworks: React.js, Node.js, Flask, Next.js, Sass, Tailwind CSS, Bootstrap, Express.js

Tools: Git, GitLab, PostgreSQL, MongoDB, Vercel, Docker, Jenkins, Jest, AWS Lambda, AWS DynamoDB, AWS S3, AWS API Gateway, Google Cloud Platform (GCP)

EXPERIENCE

Fullstack Engineer Intern, [Verdant Robotics](#) | Hayward, CA May 2023 - September 2023

- Developed a React geographic visualization interface that mapped and visualized 20,000+ geospatial data points that displays logistical stand count summaries and high-resolution images.
- Implemented a real-time endpoint, enabling the delivery of critical metrics to our robotic fleet; enhanced insights and analysis capabilities, increasing operational efficiency by 25% and a 40% reduction in downtime.
- Enhanced vegetation data collection on the field with a user-friendly web application interface, enhancing data accuracy and customer satisfaction for 12 farming clients.
- Developed and built server-side scripts and database systems to optimize web applications, accelerating machine learning pipelines, fleet operations, and engineering analysis.

Software Engineer Intern, [Rimble](#) | Berkeley, CA May 2022 - August 2022

- Developed a React web app to increase customer engagement, improve user experience, and speed up load time by 50%.
- Created a React dashboard to visualize game and player metrics 20% faster than before.
- Implemented REST APIs using AWS DynamoDB and S3 to visualize machine learning predictions for game analytics.
- Designed a data aggregation system that improved data ingestion speed by 35%.

Fullstack Developer Apprentice, Web Development at Berkeley | Berkeley, CA January 2022 - May 2022

- Built several React components for a full-stack website, resulting in a 25% increase in user engagement.
- Applied documentation, cloud security, and policy guidelines to automate and streamline robust scale data processing.
- Constructed a full-stack web development curriculum for a class of over 200 students per semester.

PERSONAL PROJECTS

[PLEY](#) (React, JavaScript, Node.js, Express.js, MongoDB, HTML, CSS)

- Deployed a restaurant recommendation app that gives curated recommendations based on user's taste profiles.

EDUCATION

University of California, Berkeley | Berkeley, CA

August 2020 - December 2022

Bachelor of Arts, Data Science